

Form PTO 1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty Docket No. 989_001DIV2 Applicant James E. Moon et al. Filing Date	Serial No. Group 1263
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J1036 U.S. PTO
 10/003851
 11/02/01

U.S. PATENT DOCUMENTS

Exam. Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
<i>Handwritten: A</i> <div style="border-left: 1px solid black; height: 100px; margin: 0 auto; width: 10px;"></div>	AA	4,911,783	Voboril			
	AB	5,006,202	Hawkins et al.			
	AC	5,770,465	MacDonald et al.			
	AD	6,020,272	Fleming			
	AE	6,136,243	Mehregany et al.			
<i>Handwritten: A</i>	AF	6,174,820	Habermehl et al.			

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Document Number	Date	Country	Class	Sub Class	Translation	Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

Examiner <i>Handwritten: Allen Olson</i>	Date Considered <i>Handwritten: 9/28/03</i>

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Form PTO 1449
US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Atty Docket No. 989_001DIV2

Serial No. 10/003,851

Applicant James E. Moon et al.

Filing Date November 02, 2001

Group 1746 1763

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U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
<i>Leo</i>	AG	4,764,244	08/16/1998	Chitty et al.			06/11/1985
	AH	5,131,978	07/21/1992	O'Neill			06/07/1990
	AI	5,628,917	05/13/1997	MacDonald et al.			02/03/1995
	AJ	5,658,471	08/19/1997	Murthy et al.			09/22/1995
	AK	5,683,591	11/04/1997	Offenberg			11/27/1995
	AL	5,690,841	11/25/1997	Elderstig			06/10/1996
<i>Leo</i>	AM	5,717,251	02/10/1998	Hayashi et al.			08/05/1996

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		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
<i>Leo</i>	AN	DE 44 42 023	05/30/1996	Germany				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

<i>Leo</i>	AO	Desai, Amish, et al., <i>A MEMS Electrospray Nozzle for Mass Spectroscopy</i> , 1997, pp. 927-930.
	AP	Dole, Malcom, et al., <i>Molecular Beams of Macroions</i> , 1968, pp. 2240-2249.
	AQ	Harrison, D. Jed, et al., <i>Micromachining a Miniaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip</i> , 1993, pp. 895-897.
	AR	He, Bing, et al., <i>Fabrication of Nanocolumns for Liquid Chromatography</i> , 1998, pp. 3790-3797.
	AS	Jacobson, Stephen C., et al., <i>High-Speed Separations on a Microchip</i> , 1994, pp. 1114-1118.
	AT	Jacobson, Stephen C., et al., <i>Open channel Electrochromatography on a Microchip</i> , 1994, pp. 2369-2373.
	AU	Ramsey, R.S., et al., <i>Generating Electrospray from Microchip Devices Using Electroosmotic Pumping</i> , 1997, pp. 1174-1178.
	AV	Smith, David P., <i>The Electrohydrodynamic Atomization of Liquids</i> , 1986, pp. 527-535.
	AW	Wang, Xuan-Oi, et al., <i>Polymer-Based Electrospray Chips for Mass Spectrometry</i> , 1999, pp. 523-528.
	AX	Wilm, Matthias et al., <i>Analytical Properties of the Nanoelectrospray Ion Source</i> , 1996, pp. 1-8.
	AY	Xue, Gifeng, et al., <i>Multichannel Microchip Electrospray Mass Spectrometry</i> , 1997, pp. 426-430.
<i>Leo</i>	AZ	Yamashita, Masamichi, et al., <i>Electrospray Ion Source. Another Variation of the Free-Jet Theme</i> , 1984, pp. 4451-4459.
Examiner <i>Alla Ols</i>		Date Considered <i>9/28/03</i>

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US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Any Docket No. 989_001DIV2 (now 1153_010 DIV2) Serial No. 10/003,851

Applicant James E. Moon et al.

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Exam. Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
<i>How</i>	BA	5,043,043	08/27/1991	Howe et al.			06/22/1990
<i>How</i>	BB	5,804,084	09/08/1998	Nasby et al.			10/11/1996
<i>How</i>	BC	6,071,819	06/06/2000	Tai et al.			01/23/1998

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		Document Number	Date	Country	Class	Sub Class	Translation	Abstract

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Examiner	<i>Alta Olsen</i>	Date Considered <i>9/28/03</i>

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